

Hierarchical Classification of the Prokaryote Domains

from: Euzeby. 2007. List of Prokaryotic names with standing in nomenclature. web: www.bacterio.cict.fr/classifphyla.html

Domain: Eubacteria

- Phylum Acidobacteria** (eg. *Acidobacterium*, *Geothrix*)
- Phylum Actinobacteria** (eg. *Streptomyces*, *Mycobacterium*)
- Phylum Aquificales**
- Phylum Bacteroidetes** (eg. *Bacteroides*)
- Phylum Chlamydiae** (eg. *Chlamydia*)
- Phylum Chlorobi**
- Phylum Chloroflexi**
- Phylum Chrysiogenetes**
- Phylum Cyanobacteria** (eg. *Anabaena*, *Nostoc*, *Oscillatoria*)
- Phylum Deferribacteres**
- Phylum Deinococcus-Thermus**
- Phylum Dictyoglomi**
- Phylum Fibrobacteres**
- Phylum Firmicutes** (eg. *Bacillus*, *Listeria*, *Thermobacillus*, *Enterococcus*, *Lactobacillus*, *Staphylococcus*, *Streptococcus*)
- Phylum Fusobacteria**
- Phylum Gemmatimonadetes**
- Phylum Lentisphaerae**
- Phylum Nitrospirae** (eg. *Leptospirillum*)
- Phylum Planctomycetes**
- Phylum Proteobacteria** (eg. *Pseudomonas*, *Caulobacter*, *Rhizobium*, *Brucella*, *Acetobacter*, *Rickettsia*, *Neisseria*, *Spirillum*, *Campylobacter*, *Helicobacter*, *Aeromonas*, *Klebsiella*, *Escherichia*, *Serratia*, *Shigella*, *Yersinia*, *Legionella*, *Francisella*, *Photobacterium*, *Vibrio*)
- Phylum Spirochaetae** (eg. *Leptospira*, *Borrelia*, *Spirochaeta*, *Treponema*)
- Phylum Tenericutes** (eg. *Mycoplasma*)
- Phylum Thermodesulfobacteria**
- Phylum Thermomicrobia**
- Phylum Thermotogae**
- Phylum Verrucomicrobia**

Domain: Archaea

- Phylum Crenarchaeota** (eg. *Acidilobus*, *Thermosphaera*, *Pyrolobus*, *Sulfolobus*)
- Phylum Euryarchaeota** (eg. *Halobacterium*, *Methanobacterium*, *Methanococcus*)